

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
Assistant Secretary for Housing-Federal Housing Commissioner

TO: DIRECTORS, HOUSING DIVISION
DIRECTORS, MULTIFAMILY DIVISION
DIRECTORS, SINGLE FAMILY DIVISION

Series and Series Number:

MATERIALS RELEASE NO. 1298

ISSUE DATE: May 7, 1998

REVIEW DATE: May 7, 2001

SUBJECT: 1. Product

Formica Laminated Flooring System

2. Name and Address
of Manufacturer

Formica Corporation
10155 Reading Road
Cincinnati, OH 45291

Data on the nonstandard product, described herein have been reviewed by the Department of Housing and Urban Development (HUD) and determination has been made that it is considered suitable from a technical standpoint for the use indicated herein. This Release does not purport to establish a comparative quality or value rating for this product as compared to standard products normally used in the same manner.

This Materials Release cannot be used as an indication of endorsement, or approval by HUD of the described product, and any statement or representation, however made, indicating such approval or endorsement by HUD is unauthorized. See Code 18, U.S.C. 709.

Any reproduction of this Release must be in its entirety.

Description:

Formica Corporation, laminated flooring system, consists of tongue and groove planks, squares or rectangles, glued together over a foamed polyethylene underlayment. The laminated flooring system consists of a top wear layer of high performance melamine laminate with aluminum oxide, a middle core layer of urea-formaldehyde bonded high density fiberboard, and a bottom balancing layer of melamine laminate.

Requirements:

The Formica laminated flooring system shall be in compliance with the requirements of Table 1.

Table 1 Requirements for Formica Laminated Flooring System

<u>Materials Requirements</u>	<u>Values</u>	<u>Test Methods</u>
Top Wear Layer with Al_2O_3	Compliance with surface properties	NEMA LD-3
Hardboard Core Layer	Compliance with	ANSI A208.2
Bottom Melamine Balance Layer	Compliance with backing properties	NEMA LD-3
<u>Systems Requirements</u>	<u>Values</u>	<u>Test Methods</u>
Flammability, Flooring Radiant Panel	0.45 watts/cm ² or greater (class 1)	ASTM E 648
Light Resistance	slight fading or color change	NEMA LD-3 Section 33.4
Slip Resistance	0.50 or greater (dry)	ASTM D 2047
Static Load	1,000 psi or greater	ASTM F 970
<u>Size Requirements</u>		
Plank	- 7.95" x 47.72" x 5/16"	
Square	- 23.86" x 23.86" x 5/16"	
Flatness	- cross -0 + 0.040"	
Flatness	- length -0 + 0.125"	

INSTALLATION:

Formica laminated flooring systems are installed over existing flooring that is level to 3/16" within 10 feet. The structural floor used under the Formica laminated flooring system shall support the design live load with a deflection limit of L/360. The Formica flooring system shall be installed in strict accordance with the manufacturer's instructions Form 17-021, including a 1/4" space around the perimeter for expansion.

GUARANTY:

Formica, Inc. guarantees the Formica flooring systems against defects in materials under normal use, for 15 years from the date of purchase of the dwelling by the owner. Should any defect occur, such as, wear, fade, or staining, Formica, Inc., shall make a pro rata allowance for replacement.

MANUFACTURER'S RESPONSIBILITIES:

Issuance of this Materials Release (MR) commits the manufacturer to fulfill, as a minimum, the following:

1. Produce, label and certify the material, product or system in strict accordance with the terms of this MR.
2. Provide necessary corrective action in a timely manner for all cases of justified complaint, poor performance or failure reported by HUD.
3. When requested, provide the Office of Consumer and Regulatory Affairs, Manufactured Housing and Standards Division, HUD Headquarters, with a representative list of properties, in which the material, product or system has been used, including complete addresses or descriptions of locations and dates of installation.
4. Inform HUD in advance of changes in production facilities, methods, design of the product, company name, ownership or mailing address.

EVALUATION:

This MR shall be valid for a period of three years from the date of initial issuance or most recent renewal or revision, whichever is later. The holder of this MR shall apply for a renewal or revision 90 days prior to the Review Date printed on this MR. Submittals for renewal or revision shall be sent to HUD Headquarters. Appropriate User Fee shall be sent to:

U.S. Department of Housing and Urban Development
Technical Suitability of Products Fees
P.O. Box 954199
St. Louis, MO 63195-4199

The holder of this MR may apply for revision at any time prior to the Review Date. Minor revisions may be in the form of a supplement to the MR.

If the Department determines that a proposed renewal or supplement constitutes a revision, the appropriate User Fee for a revision will need to be submitted in accordance with Code of Federal Regulations 24 CFR 200.934, "User Fee System for the Technical Suitability of Products Program," and current User Fee Schedule.

CANCELLATION:

Failure to apply for a renewal or revision shall constitute a basis for cancellation of the MR. HUD will notify the manufacturer that the MR may be canceled when:

1. conditions under which the document was issued have changed so as to affect production of, or to compromise the integrity of the accepted material, product, or system,
2. the manufacturer has changed its organizational form without notifying HUD, or
3. the manufacturer has not complied with responsibilities it assumed as a condition of HUD's acceptance.

However, before cancellation, HUD will give the manufacturer a written notice of the specific reasons for cancellation, and the opportunity to present views on why the MR should not be canceled. No refund of fees will be made on a canceled document.

This Materials Release is issued solely for the captioned firm, and is not transferable to any person or successor entity.
